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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **Confirmation No. 6318**
Shotaro NISHIMURA et al. : Docket No. 2004_0595A
Serial No. 10/824,347 : Group Art Unit 2821
Filed April 15, 2004 :

RADIO ANTENNA APPARATUS PROVIDED
WITH CONTROLLER FOR CONTROLLING
SAR AND RADIO COMMUNICATION
APPARATUS USING THE SAME RADIO
ANTENNA APPARATUS

THE COMMISSIONER IS AUTHORIZED
TO CHARGE ANY DEFICIENCY IN THE
FEES FOR THIS PAPER TO DEPOSIT
ACCOUNT NO. 23-0975

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☒ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application PCT/_____; and/or
- ☐ each reference previously cited in prior parent application Serial No. _____.

1a. ☒ This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, or

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

and thus no certification and/or fee is required.

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

the certification of paragraph 2 below is provided, and

the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

2. It is hereby certified

a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or

b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☒ a full or partial English language translation (**reference AI**) submitted herewith,
 - b. ☐ a foreign patent office search report (in the English language) submitted herewith,
 - c. ☒ the concise explanation (**references AH-AJ**) contained in the specification of the present application at pages 2 and 17,
 - d. ☒ the concise explanation set forth in the attached English language abstract,
 - e. ☒ the concise explanation set forth below or on a separate sheet attached to the reference:


**EP 0970988 corresponds to JP 2002-82333; and
U.S. Patent No. 5,789,929 corresponds to JP 2790103;**

5. ☐ A foreign patent office search report citing one or more of the references is enclosed.
6. ☐ Statement Under 37 CFR 1.704(d)

Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Shotaro NISHIMURA et al.

By 

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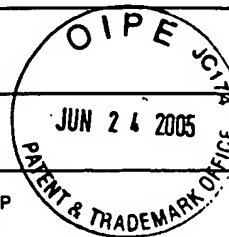
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June 24, 2005

INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 (modified)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Date Submitted to PTO: June 24, 2005

ATTY DOCKET NO.
2004_0595ASERIAL NO.
10/824,347APPLICANT
Shotaro NISHIMURA et al.FILING DATE
April 15, 2004GROUP
2821

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	6,456,248	9/2002	Ito			
	AB	5,789,929	8/1998	Hankui			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AC	2000-82333	3/2000	JP			Abstract
	AD	0 970 988	1/2000	EP			
	AE	2002-107396	4/2002	JP			Abstract
	AF	2790103	6/1998	JP			
	AG						

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

AH	Niels Kuster et al., <u>Energy Absorption Mechanism by Biological Bodies in the Near Field of Dipole Antennas Above 300 MHz</u> , IEEE Transaction on Vehicular Technology, vol. 41, no. 1, pp. 17-23, February 1992.
AI	<u>"Standard of Specific Absorption Rate Measurement Method of Portable Radio Terminal"</u> , issued by Association of Radio Industries and Business in Japan, ARIB STB-T56 Ver. 2.0, revised on January 24, 2002.
AJ	Bernhard Rosenberger, <u>"Miniature Dielectric-loaded Personal Telephone Antennas with Low SAR"</u> , Radio and Wireless Conference, 1998, Rawcon 98, IEEE Colorado Springs, Colorado, U.S.A., August 9, 1998, pages 103-108.
AK	Yoshio Koyanagi et al., <u>"Estimation of the Radiation and SAR Characteristics of the NHA at 150 MHz by Use of the Cylindrical Whole Body Phantom"</u> , IEEE Antennas and Propagation Society International Symposium, 2001, Digest, APS, Boston Massachusetts, U.S.A., July 8, 2001, New York, vol. 1 of 4, pages 78-81.

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of form with next communication to applicant.